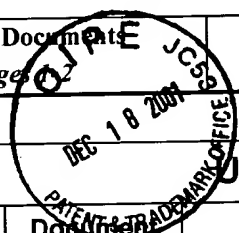


Form PTO-1449 (modified)	Atty. Docket No. 11836.0702.NPUS00	Serial No. 09/927,619
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	Applicant Arvind D. Patel, et al.	<i>Part of Paper #12</i>
	Filing Date: August 10, 2001	Group: 3672
U.S. Patent Documents See Pages 1-2	Foreign Patent Documents See Pages 2-3	Other Art See Pages 4-5



## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>PT</i>	A1	2,802,531	08/13/57	Cardwell et al.	166	42	04/26/54
	A2	2,900,336	08/18/59	Brown et al.	252	8.5	12/20/56
	A3	2,900,337	08/18/59	Earley et al.	252	8.5	12/20/56
	A4	3,804,760	04/16/74	Darley	252	8.55	08/27/71
	A5	3,962,151	06/08/76	Dekker et al.	252	548	08/06/73
	A6	4,040,866	08/09/77	Mondshine	134	26	01/15/76
	A7	4,230,586	10/28/80	Bretz et al.	252	8.5	08/07/78
	A8	4,439,345	03/27/84	Duke	252	330	06/11/81
	A9	4,582,543	04/15/86	Bretz	148	250	7/26/84
	A10	4,615,813	10/07/86	Bretz	252	8.514	12/23/85
	A11	4,645,608	02/24/87	Rayborn	252	8.51	10/10/84
	A12	4,670,550	06/02/87	Bleeker et al.	536	114	09/07/84
	A13	4,735,731	04/05/88	Rose et al.	252	8.51	04/14/86
	A14	4,830,765	05/16/89	Perricone et al.	252	8.51	12/04/87
	A15	4,941,981	07/17/90	Perricone et al.	252	8.51	09/16/88
	A16	4,963,273	10/16/90	Perricone et al.	252	8.51	09/16/88
	A17	5,057,234	10/15/91	Bland et al.	252	8.51	06/11/90
	A18	5,120,708	06/09/92	Melear	507	126	
<i>PT</i>	A19	5,156,686	10/20/92	Van Slyke	134	26	11/30/90

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Form PTO-1449 (modified)		Atty. Docket No. 11836.0702.NPUS00	Serial No. 09/927,619
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Arvind D. Patel, et al.	
		Filing Date: August 10, 2001	Group: 3672
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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
PT	A20	5,189,012	02/23/93	Patel et al.	507	103	6/8/90
	A21	5,254,531	10/19/93	Mueller et al.	507	131	1/21/92
	A22	5,403,820	04/04/95	Walker	507	110	12/24/92
	A23	H-1,611	11/5/96	Patel	507	103	
	A24	5,634,984	06/03/97	Van Slyke	134	40	03/17/94
PT	A25	5,977,031	11/02/99	Patel	507	138	

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class-	Sub-Class	Translation Yes/No
R	B1	A 751,191	06/27/56	GB			
	B2	DT2462436A1	02/24/77	Germany	C10M	3/30	no
	B3	0137538A2	04/17/85	European	C90K	7/06	yes
	B4	WO87/02692	05/07/87	PCT	CO9K	7/00	yes
	B5	0226250A2	06/24/87	European	C08J	3/08	yes
	B6	0271943A2	06/22/88	Europe	C09K	7/02	yes
	B7	GB2195685A	12/04/88	United Kingdom	C09K	7/06	yes
	B8	WO89/01491	02/23/89	PCT	C07K	7/00	
	B9	0382070A1	09/02/89	Europe	C09K	7/06	no
	B10	WO90/06981	06/28/90	PCT	C09K	7/06	No
PT	B11	0386636A1	03/01/90	Europe			N/A

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## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class-	Sub-Class	Translation Yes/No
P1	B12	2,223,255	04/04/90	GB	C09K	7/06	
	B13	DE3903784A1	06/18/90	Germany			No
	B14	3,842,703A1	06/21/90	DE	C09K	7/06	
	B15	374,671A1	06/27/90	EP	C09K	7/06	No
	B16	WO90/06890	06/28/90	PCT			Yes
	B17	0382318A1	08/16/90	Europe	B01F	17/16	yes
	B18	449,257A2	10/02/91	EP	C09K	7/06	
	B19	2,068,129	07/05/92	Canada	C09K	5/00	yes
	B20	495,579A3	07/22/92	EP	C09K	7/02	
	B21	WO92/22622	12/23/92	PCT	C09K	7/06	no
	B22	WO93/16145	08/19/93	PCT	C09K	7/06	yes
	B23	WO93/23491	11/25/93	PCT	C09K	7/06	
	B24	WO94/16030	07/21/94	PCT	C09K	7/06	
	B25	WO95/17244	06/29/95	PCT	B01F	17/00	yes
	B26	WO96/19545	06/27/96	PCT	C09K	7/06	
	B27	730,018A1	09/04/96	EP	C09K	7/02	
	B28	1441299	04/25/66	FR	C10M	E21B	NO
	B29	0382071	01/31/90	EP	C09K	7/06	NO
P7	B30	0386638	03/01/90	EP	C09K	7/06	NO

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See Pages 1-2Foreign Patent Documents  
See Pages 2-3Other Art  
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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PT	C1	Kirk-Othmer, "Encyclopedia of Chemical Technology", Third Edition, Volume 1, A to Alkanolamines, pp. 944-960, 1978. /
	C2	Dickey, Parke A.; PETROLEUM DEVELOPMENT GEOLOGY, pages 57-83, 2nd Ed.; PennWell Books before 1988.
	C3	"Fine and Functional Chemicals", Nitrogen Derivatives, AKZO General Catalog. Copyright 1990.
	C4	"Quaternary Ammonium Compounds", Fine and Functional Chemicals, AKZO Catalog. Copyright 1990. /
	C5	The Dow Chemical Company; THE GLYCOL ETHERS HANDBOOK, October 1993.
	C6	Aldrich Katalog Handbuch Feinchemikalien, Aldrich GmbH & Co. KG, Steinheim, page 557, DE 1994. /
	C7	The Dow Chemical Company; PHYSICAL PROPERTIES OF DOWANOL GLYCOL ETHERS AND ACETATES; table; June 1995.
	C8	The Dow Chemical Company; PRODUCT INFORMATION - DOWANOL DPNB, April 1997.
	C9	The Dow Chemical Company; PRODUCT INFORMATION - DOWANOL PNB, April 1997.
	C10	Chemical Abstracts Search, 35 pages, April 2, 1997. /
	C11	STN International Search, Chemical Abstracts and World Patent Index, 41 pages, April 9, 1997. /
	C12	Lexis Search, Citation List, 4 pages, May 1, 1997.
	C13	The Dow Chemical Company; MATERIAL SAFETY DATA SHEET, October 20, 1997.
	C14	Chemical Abstract Services Search Report, October 27, 1997.
	C15	P. A. Boyd, et al., "New Base Oil Used in Low-Toxicity Oil Muds", Journal of Petroleum Technology, 1985, 137 to 142. /
PT	C16	R. B. Bennett, "New Drilling Fluid Technology-Mineral Oil Mud", Journal of Petroleum Technology, 1984, 975 to 981. /

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See Pages 2-3Other Art  
See Pages 4-5

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PP	C17	"Composition and Properties of Drilling and Completion Fluids", 5 <sup>th</sup> Edition, H.C.H. Darley, George R. Gray, Gulf Publishing Company, 1988, pp. 116, 166, 328-332.
P7	C18	Akzo Nobel Chemicals Surface Chemistry Products, <a href="http://www.surface.akzonobel.com/p/index.htm">www.surface.akzonobel.com/p/index.htm</a> .

EXAMINER:

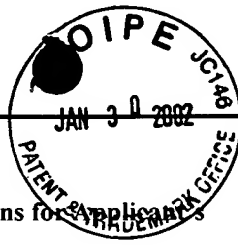
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Atty. Docket No.

11836.0702.NPUS00

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09/927,619

List of Patents and Publications for

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August 10, 2001

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Foreign Patent Documents

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
PT	A1	3,728,277	4/17/73	Foley	252	309	
PT	A2	4,747,969	05/31/88	Rupilius et al.	260	415	
PT	A3	4,964,615	10/23/90	Mueller et al.	252	8.551	
PT	A4	5,072,794	12/17/91	Hale et al.	175	50	
	A5						

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class-	Sub-Class	Translation Yes/No
PT	B1	0,652,271	05/10/95	EP	C09K	7/00	yes
PT	B2	2,251,447	07/08/92	GB	C09K	7/06	yes
PT	B3	2,252,993	08/26/92	GB	C09K	7/06	yes
PT	B4	2,283,036	04/26/95	GB	C09K	7/02	yes
	B5						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	
	C2	
	C3	
	C4	

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